

Recreational Use Attainability Analysis

Cover Sheet

Water Body Name: Blue Ditch

Water Body Identification #: 3147

Completed UAA Checklist:

- ☒ Pre-Field Preparatory Data Sheet
- ☒ Maps with actual survey sites marked
- ☒ Data Sheet A
- G Data Sheet B – 3 of 3 pages for each site
 - o Number of Sites: 6
- G Data Sheet C (if applicable)
 - o Number of Interviews: 1
- G Photographs
 - o Quantities
 - Upstream 7
 - Downstream 7
 - Other 26

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported in this UAA is true and accurate.

Signed: Chad E. Dambour Date: 07-05-06
Printed Name: CHAD E. DAMBOUR Telephone #: 410-256-8993
Organization: TETRA TECH INC. Position: SCIENTIST

WBID # 3147

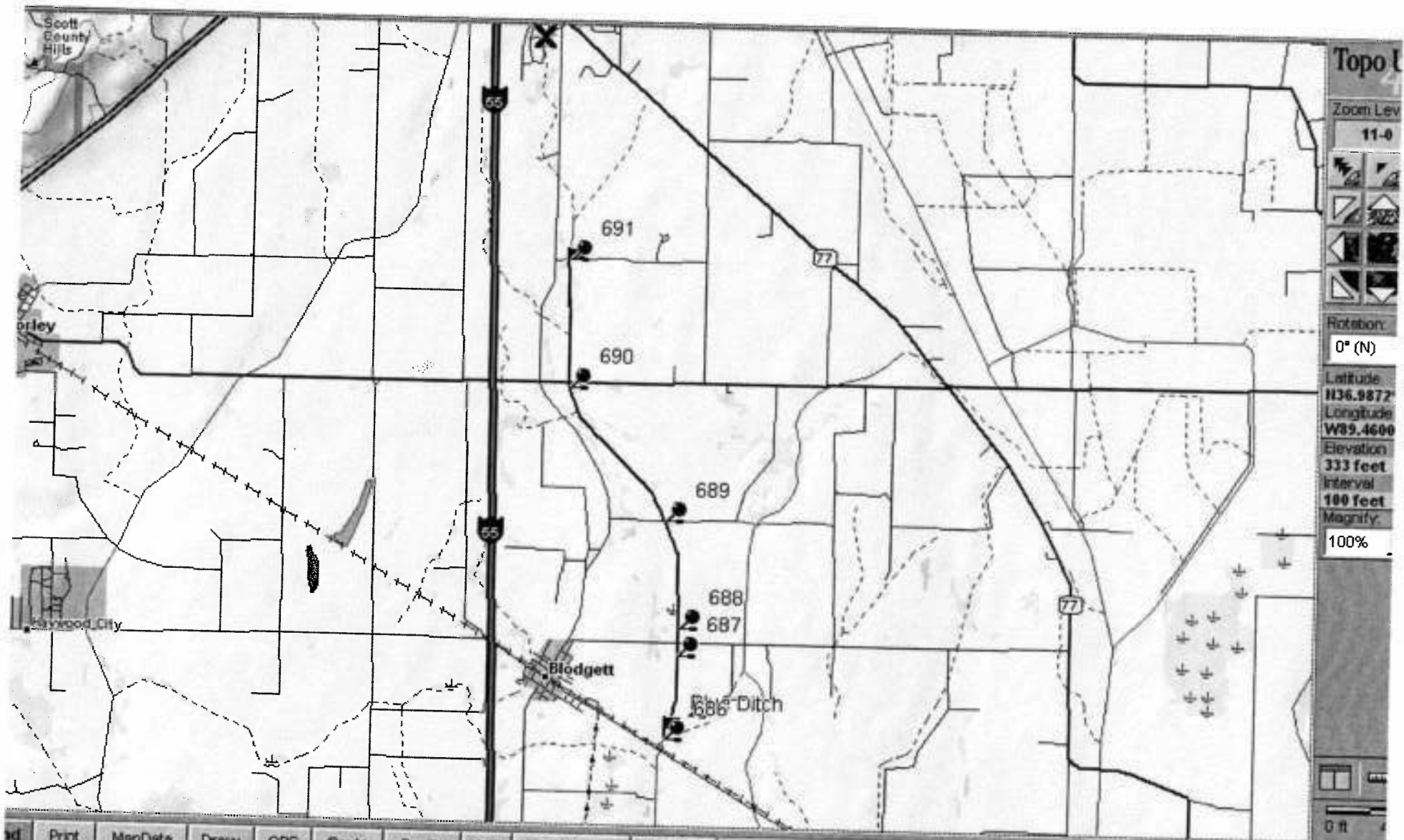
Date: 07/05/2006

2

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet A - Water Body Identification

Water Body Name:	Blue Ditch
WBID #:	3147
Upstream Coordinates: (WGS 84, ddd.ddddd)	37.05406, 089.52439
Downstream Coordinates: (WGS 84, ddd.ddddd)	36.99575, 089.50941
Current Weather Conditions:	Ferrell MHP
Number of Sites Evaluated:	MO81957
Name(s) of Surveyor(s):	John Roberts Chad Barbour



Map navigation and search interface.

Buttons: Print, MapData, Draw, GPS, Route, Profile, 3-D, Map Display, NetLink.

Search For:

☒ MapTags

Name	City/Town	State	ZIP Code	US County	Category
Scott County		MO (...)		Scott County	US County (Re
▲ Scott County Hills	Benton	MO (...)	63736	Scott County	Mountain or Hi
■ Scott Ford	Latham	MO (...)	65050	Monteau County	Natural Landm
■ Scott Ford	Cuba	MO (...)	65453	Crawford County	Natural Landm

Inset map showing the location of the main map area within a larger regional context, including labels for Cape Girardeau, Benton, Boone, and St. Louis.

WBID # 3147 Site # 686Date: 06/16/2006

3

Field Data Sheets for Recreational Use Stream Surveys**Data Sheet B - Site Characterization - 1 of 3**
(A separate Data Sheet B must be completed for each site)

Latitude (ddd.dddd): <u>N 36.995750</u>	Arrival Time: <u>1740</u>
Longitude (ddd.dddd): <u>W 089.509410</u>	
ACC: 130 FT.	
Photo Ids: Upstream: <u>0368</u>	Downstream: <u>0369</u>
Other: <u>0370 - FISHING BOBBLE 0371 - ALGAE</u>	

Narrative Description of Location: (Describe access point to stream, nearby roads, landmarks, etc.)AT CR 518 ROAD CROSSING**Surrounding Conditions*:** (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.)

<input type="checkbox"/> City/county parks	<input type="checkbox"/> Playgrounds	<input type="checkbox"/> MDC conservation lands	<input type="checkbox"/> Urban areas	<input type="checkbox"/> Campgrounds
<input type="checkbox"/> Boating accesses	<input type="checkbox"/> State parks	<input type="checkbox"/> National forests	<input type="checkbox"/> Nature trails	<input type="checkbox"/> Stairs/walkway
<input type="checkbox"/> No trespass sign	<input type="checkbox"/> Fence	<input type="checkbox"/> Steep slopes	<input checked="" type="checkbox"/> Other: <u>AGRICULTURE - SEE PHOTOS 0362 + 0369</u>	

Human Uses Observed*:

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input checked="" type="checkbox"/> None of the above	<input type="checkbox"/> Other:

Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)

Evidence of Human Use*:

<input checked="" type="checkbox"/> Roads	<input type="checkbox"/> Foot paths/prints	<input type="checkbox"/> Dock/platform	<input type="checkbox"/> Livestock Watering	<input type="checkbox"/> RV / ATV Tracks
<input type="checkbox"/> Rope swings	<input type="checkbox"/> Camping Sites	<input type="checkbox"/> Fire pit/ring	<input type="checkbox"/> NPDES Discharge	<input checked="" type="checkbox"/> Fishing Tackle
<input type="checkbox"/> Other: <u>* SEE PHOTO 0370</u>				

Sources of Pollution: (e.g., trash dumping, tires, drainages, discharges, etc.)AGRICULTURE ADJACENT TO STREAM.QL: Jmfort06/16/2006

WBID # 3147 Site # 686

4

Date: 06/16/2006

Data Sheet B - Site Characterization - 2 of 3

Stream Morphology:

Upstream View Physical Dimensions: 0.55m 0.60m 0.50m

	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
<input type="checkbox"/> Riffle					
<input type="checkbox"/> Run					
<input checked="" type="checkbox"/> Pool	<u>3m</u>	<u>7.4m</u>	<u>3m</u>	<u>0.55</u>	<u>0.60m</u>
<input checked="" type="checkbox"/> Flow Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Velocity (ft/sec): <u>1m/6sec.</u>					

Downstream View Physical Dimensions: 0.54m 0.45m 0.50m

	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
<input type="checkbox"/> Riffle					
<input checked="" type="checkbox"/> Run	<u>3m</u>	<u>7.2m</u>	<u>3m</u>	<u>0.50</u>	<u>0.54m</u>
<input type="checkbox"/> Pool					
<input checked="" type="checkbox"/> Flow Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Velocity (ft/sec): <u>1m/6sec.</u>					

Substrate*: (These values should add up to 100%.)

% Cobble	<u>10</u>	% Gravel		% Sand	<u>80</u>	% Silt	<u>10</u>	% Mud/Clay		% Bedrock	
----------	-----------	----------	--	--------	-----------	--------	-----------	------------	--	-----------	--

Aquatic Vegetation*: (Note amount of vegetation or algal growth at the assessment site.)

EXTENSIVE ALGAL GROWTH THROUGHOUT; APPROX. 85% OF STREAM AFFECTED.
SEE PHOTOS 0368, 0370, 0371.

Water Characteristics*: (Mark all that apply.)

Odor:	<input type="checkbox"/> Sewage	<input type="checkbox"/> Musky	<input type="checkbox"/> Chemical	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Other:
Color:	<input checked="" type="checkbox"/> Clear	<input type="checkbox"/> Green	<input type="checkbox"/> Gray	<input type="checkbox"/> Milky	<input type="checkbox"/> Other:
Bottom Deposit:	<input type="checkbox"/> Sludge	<input type="checkbox"/> Solids	<input checked="" type="checkbox"/> Fine sediments	<input type="checkbox"/> None	<input type="checkbox"/> Other:
Surface Deposit:	<input type="checkbox"/> Oil	<input checked="" type="checkbox"/> Scum	<input type="checkbox"/> Foam	<input type="checkbox"/> None	<input checked="" type="checkbox"/> Other: <u>ALGAE</u>

*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID # 3147 Site # 686

5

Date: 06 / 16 / 2006

Data Sheet B - Site Characterization – 3 of 3

Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).

NONE

WBID # 3147 Site # 626

Date: 06 / 16 / 2006

6

NONE

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C – Interviews

(Make additional copies as necessary for multiple interviews)

1. Do you live in the area? ☐ Yes ☐ No

If so, how long have you lived here? _____

2. Have you personally used this water body for recreation since 1975? ☐ Yes ☐ No

If so, please check ALL that apply:

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input type="checkbox"/> None of the above	<input type="checkbox"/> Other:

How often do you use it for recreation?

G More than 5 times per year

G 1 – 5 times per year

G Less than 1 time per year – please describe: _____

3. Have you observed others using this water body for recreation since 1975? ☐ Yes ☐ No

If so, please check ALL that apply:

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input type="checkbox"/> None of the above	<input type="checkbox"/> Other:

How often have you observed it being used for recreation?

G More than 5 times per year

G 1 – 5 times per year

G Less than 1 time per year – please describe: _____

4. Additional Comments: _____

Contact Information (if willing to provide):

Name:

Address:

Telephone #:

WBID # 3147 Site # 687
Date: 06/17/2006

3

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3
(A separate Data Sheet B must be completed for each site)

Latitude (ddd.dddd): <u>N 37.00874°</u>	Arrival Time: <u>0800</u>
Longitude (ddd.dddd): <u>W 089.50705°</u> Alt: <u>24.7ft</u>	
Photo Ids: Upstream: <u>0372</u> Downstream: <u>0373</u>	Other: <u>0376 - ACCESS ROAD ALONG STREAM</u> <u>0374 - TRASH 0375 - AG DRAIN 0377 - ALGAE</u>

Narrative Description of Location: (Describe access point to stream, nearby roads, landmarks, etc.)

CR 514 ROAD CROSSING

Surrounding Conditions*: (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.)

<input type="checkbox"/> City/county parks	<input type="checkbox"/> Playgrounds	<input type="checkbox"/> MDC conservation lands	<input type="checkbox"/> Urban areas	<input type="checkbox"/> Campgrounds
<input type="checkbox"/> Boating accesses	<input type="checkbox"/> State parks	<input type="checkbox"/> National forests	<input type="checkbox"/> Nature trails	<input type="checkbox"/> Stairs/walkway
<input type="checkbox"/> No trespass sign	<input type="checkbox"/> Fence	<input type="checkbox"/> Steep slopes	<input checked="" type="checkbox"/> Other: <u>AGRICULTURE - SEE PHOTOS 0372 + 0373</u>	

Human Uses Observed*:

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input checked="" type="checkbox"/> None of the above	<input type="checkbox"/> Other:

Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)

Evidence of Human Use*:

<input checked="" type="checkbox"/> Roads	<input type="checkbox"/> Foot paths/prints	<input type="checkbox"/> Dock/platform	<input type="checkbox"/> Livestock Watering	<input type="checkbox"/> RV / ATV Tracks
<input type="checkbox"/> Rope swings	<input type="checkbox"/> Camping Sites	<input type="checkbox"/> Fire pit/ring	<input type="checkbox"/> NPDES Discharge	<input type="checkbox"/> Fishing Tackle
<input type="checkbox"/> Other:				

Sources of Pollution: (e.g., trash dumping, tires, drainages, discharges, etc.)

AGRICULTURE

QC: [Signature]
06/17/2006

WBID # 3147 Site # 687Date: 06/17/2006

4

Data Sheet B - Site Characterization - 2 of 3

Stream Morphology:

Upstream View Physical Dimensions: 0.45m 0.57m 0.64m

	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
<input type="checkbox"/> Riffle					
<input checked="" type="checkbox"/> Run	<u>3m</u>	<u>9.5</u>	<u>3m</u>	<u>0.55</u>	<u>0.64m</u>
<input type="checkbox"/> Pool					
<input checked="" type="checkbox"/> Flow Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Velocity (ft/sec): <u>1m/8sec.</u>					

Downstream View Physical Dimensions: 0.78m 0.70m 0.55m

	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
<input type="checkbox"/> Riffle					
<input type="checkbox"/> Run					
<input checked="" type="checkbox"/> Pool	<u>8m</u>	<u>10.1m</u>	<u>8m</u>	<u>0.68</u>	<u>0.78m</u>
<input checked="" type="checkbox"/> Flow Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Velocity (ft/sec): <u>1m/7sec.</u>					

Substrate*: (These values should add up to 100%.)

% Cobble	<u>10</u>	% Gravel	<u>5</u>	% Sand	<u>80</u>	% Silt	<u>5</u>	% Mud/Clay	% Bedrock
----------	-----------	----------	----------	--------	-----------	--------	----------	------------	-----------

Aquatic Vegetation*: (Note amount of vegetation or algal growth at the assessment site.)

ALGAE PREVALENT ALONG EDGES AND AROUND SEDIMENTED 2; APPROX. 60% OF STREAM AFFECTED.
SEE PHOTO 0377.

Water Characteristics*: (Mark all that apply.)

Odor:	<input type="checkbox"/> Sewage	<input type="checkbox"/> Musky	<input type="checkbox"/> Chemical	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Other:
Color:	<input type="checkbox"/> Clear	<input type="checkbox"/> Green	<input checked="" type="checkbox"/> Gray	<input type="checkbox"/> Milky	<input type="checkbox"/> Other:
Bottom Deposit:	<input type="checkbox"/> Sludge	<input type="checkbox"/> Solids	<input checked="" type="checkbox"/> Fine sediments	<input type="checkbox"/> None	<input type="checkbox"/> Other:
Surface Deposit:	<input type="checkbox"/> Oil	<input type="checkbox"/> Scum	<input type="checkbox"/> Foam	<input type="checkbox"/> None	<input checked="" type="checkbox"/> Other: <u>ALGAE</u>

*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID # 3147 Site # 687

Date: 06/17/2006

5

Data Sheet B - Site Characterization – 3 of 3

Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).

SITE MOVED TO ROAD CRUISE FOR BETTER ACCESS.

WBID # 3147 Site # 687
Date: 06/17/2006

6

NONE
Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C – Interviews

(Make additional copies as necessary for multiple interviews)

1. Do you live in the area? ☐ Yes ☐ No

If so, how long have you lived here? _____

2. Have you personally used this water body for recreation since 1975? ☐ Yes ☐ No
If so, please check ALL that apply:

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input type="checkbox"/> None of the above	<input type="checkbox"/> Other:

How often do you use it for recreation?

G More than 5 times per year

G 1 – 5 times per year

G Less than 1 time per year – please describe: _____

3. Have you observed others using this water body for recreation since 1975? ☐ Yes ☐ No
If so, please check ALL that apply:

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input type="checkbox"/> None of the above	<input type="checkbox"/> Other:

How often have you observed it being used for recreation?

G More than 5 times per year

G 1 – 5 times per year

G Less than 1 time per year – please describe: _____

4. Additional Comments: _____

Contact Information (if willing to provide):

Name:

Address:

Telephone #:

WBID # 3147 Site # 688Date: 06/17/2007

3

Field Data Sheets for Recreational Use Stream Surveys**Data Sheet B - Site Characterization - 1 of 3**

(A separate Data Sheet B must be completed for each site)

Latitude (ddd.dddd): <u>37.00967</u>	Alt: <u>24.2 FT</u>	Arrival Time: <u>0830</u>
Longitude (ddd.dddd): <u>089.50713</u>		
Photo Ids: Upstream: <u>0378</u>	Downstream: <u>0379</u>	Other: <u>0380 - Access AD.</u>

Narrative Description of Location: (Describe access point to stream, nearby roads, landmarks, etc.)CA 614 ROAD CROSSING, 150M UPSTREAM**Surrounding Conditions*:** (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.)

<input type="checkbox"/> City/county parks	<input type="checkbox"/> Playgrounds	<input type="checkbox"/> MDC conservation lands	<input type="checkbox"/> Urban areas	<input type="checkbox"/> Campgrounds
<input type="checkbox"/> Boating accesses	<input type="checkbox"/> State parks	<input type="checkbox"/> National forests	<input type="checkbox"/> Nature trails	<input type="checkbox"/> Stairs/walkway
<input type="checkbox"/> No trespass sign	<input type="checkbox"/> Fence	<input type="checkbox"/> Steep slopes	<input checked="" type="checkbox"/> Other: <u>AGRICULTURE - SEE PHOTOS 0379 + 0380.</u>	

Human Uses Observed*:

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input checked="" type="checkbox"/> None of the above	<input type="checkbox"/> Other:

Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)

Evidence of Human Use*:

<input checked="" type="checkbox"/> Roads	<input type="checkbox"/> Foot paths/prints	<input type="checkbox"/> Dock/platform	<input type="checkbox"/> Livestock Watering	<input type="checkbox"/> RV / ATV Tracks
<input type="checkbox"/> Rope swings	<input type="checkbox"/> Camping Sites	<input type="checkbox"/> Fire pit/ring	<input type="checkbox"/> NPDES Discharge	<input type="checkbox"/> Fishing Tackle
<input type="checkbox"/> Other:				

Sources of Pollution: (e.g., trash dumping, tires, drainages, discharges, etc.)AGRICULTURE.*Q. L. J. [Signature]*06/17/2007

WBID # 3147 Site # 688
 Date: 06/17/2006

4

Data Sheet B - Site Characterization – 2 of 3

Stream Morphology:

Upstream View Physical Dimensions: 0.46, 0.40, 0.49m

	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
<input type="checkbox"/> Riffle					
<input checked="" type="checkbox"/> Run	<u>6m</u>	<u>8.0m</u>	<u>6m</u>	<u>0.45</u>	<u>0.49</u>
<input type="checkbox"/> Pool					
<input checked="" type="checkbox"/> Flow Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Velocity (ft/sec): <u>1m = 25</u>					

Downstream View Physical Dimensions: 0.38m 0.41m 0.49m

	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
<input type="checkbox"/> Riffle					
<input checked="" type="checkbox"/> Run	<u>12m</u>	<u>8.2m</u>	<u>12m</u>	<u>0.43</u>	<u>0.49m</u>
<input type="checkbox"/> Pool					
<input checked="" type="checkbox"/> Flow Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Velocity (ft/sec): <u>1m/10 sec</u>					

Substrate*: (These values should add up to 100%.)

% Cobble	% Gravel	<u>5</u>	% Sand	<u>80</u>	% Silt	<u>15</u>	% Mud/Clay	% Bedrock
----------	----------	----------	--------	-----------	--------	-----------	------------	-----------

Aquatic Vegetation*: (Note amount of vegetation or algal growth at the assessment site.)

MODERATE AMOUNT OF ALGAE; APPROX 25% OF STREAM AFFECTED.

Water Characteristics*: (Mark all that apply.)

Odor:	<input type="checkbox"/> Sewage	<input type="checkbox"/> Musky	<input type="checkbox"/> Chemical	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Other:
Color:	<input type="checkbox"/> Clear	<input type="checkbox"/> Green	<input checked="" type="checkbox"/> Gray	<input type="checkbox"/> Milky	<input type="checkbox"/> Other:
Bottom Deposit:	<input type="checkbox"/> Sludge	<input type="checkbox"/> Solids	<input checked="" type="checkbox"/> Fine sediments	<input type="checkbox"/> None	<input type="checkbox"/> Other:
Surface Deposit:	<input checked="" type="checkbox"/> Oil	<input type="checkbox"/> Scum	<input type="checkbox"/> Foam	<input type="checkbox"/> None	<input type="checkbox"/> Other:

*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

site 3 was
moved.

WBID # 3147 Site # 698

Date: 06/17/2006

5

Data Sheet B - Site Characterization - 3 of 3

Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).

SITE MOVED TO AREA OF BETTER ACCESS 150m UPSTREAM OF CR 514 ROAD
CROSSING.

WBID # 3147 Site # 688

Date: 06/17/2006

6

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C – Interviews

(Make additional copies as necessary for multiple interviews)

1. Do you live in the area? ☒ Yes ☐ No

If so, how long have you lived here? 20 y

2. Have you personally used this water body for recreation since 1975? ☐ Yes ☐ No
If so, please check ALL that apply:

<input checked="" type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input checked="" type="checkbox"/> Trapping	<input checked="" type="checkbox"/> Fishing	<input type="checkbox"/> None of the above	<input type="checkbox"/> Other:

How often do you use it for recreation?

☐ More than 5 times per year

☒ 1 – 5 times per year

☐ Less than 1 time per year – please describe: _____

3. Have you observed others using this water body for recreation since 1975? ☒ Yes ☐ No
If so, please check ALL that apply:

<input checked="" type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input checked="" type="checkbox"/> Trapping	<input checked="" type="checkbox"/> Fishing	<input type="checkbox"/> None of the above	<input type="checkbox"/> Other:

How often have you observed it being used for recreation?

☐ More than 5 times per year

☒ 1 – 5 times per year

☐ Less than 1 time per year – please describe: _____

4. Additional Comments: LOW-USE DITCH, DRAINAGE MAINLY; TOO SHALLOW FOR FISHING
DITCH USED FOR SWIMMING WHEN HE WAS YOUNG.

Contact Information (if willing to provide):

Name: Patrick Hulshof

Address: 530 City Hwy 506

Telephone #: 573-545-4399

WBID # 3147 Site # 689Date: 06/17/2006

3

Field Data Sheets for Recreational Use Stream Surveys**Data Sheet B - Site Characterization - 1 of 3**

(A separate Data Sheet B must be completed for each site)

Latitude (ddd.dddd): <u>37.05219</u>	Arrival Time: <u>0905</u>
Longitude (ddd.dddd): <u>089.52428</u> <u>ALL 9.7 FT</u>	
Photo Ids: Upstream: <u>0387</u> Downstream: <u>0388</u> Other: <u>0391 - DRAIN PIPE</u> <u>0390 - BURNED FENCE - BRICK (LEFT BANK)</u> <u>0389 - HOUSE ON RIGHT BANK</u> <u>0392 - PONDS ON RIGHT BANK</u> <u>0393 - FENCE IN STRC</u> <u>(POND BANK)</u>	

Narrative Description of Location: (Describe access point to stream, nearby roads, landmarks, etc.)150m DOWNSTREAM OF CR 504 ROAD CROSSING.**Surrounding Conditions*:** (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.)

<input type="checkbox"/> City/county parks	<input type="checkbox"/> Playgrounds	<input type="checkbox"/> MDC conservation lands	<input type="checkbox"/> Urban areas	<input type="checkbox"/> Campgrounds
<input type="checkbox"/> Boating accesses	<input type="checkbox"/> State parks	<input type="checkbox"/> National forests	<input type="checkbox"/> Nature trails	<input type="checkbox"/> Stairs/walkway
<input type="checkbox"/> No trespass sign	<input type="checkbox"/> Fence	<input type="checkbox"/> Steep slopes	<input checked="" type="checkbox"/> Other: <u>AGRICULTURE - SEE PHOTO 0390</u> <u>RESIDENTIAL - SEE PHOTO 0389</u>	

Human Uses Observed*:

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input checked="" type="checkbox"/> None of the above	<input type="checkbox"/> Other:

Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)

Evidence of Human Use*:

<input type="checkbox"/> Roads	<input type="checkbox"/> Foot paths/prints	<input type="checkbox"/> Dock/platform	<input type="checkbox"/> Livestock Watering	<input type="checkbox"/> RV / ATV Tracks
<input type="checkbox"/> Rope swings	<input type="checkbox"/> Camping Sites	<input type="checkbox"/> Fire pit/ring	<input type="checkbox"/> NPDES Discharge	<input type="checkbox"/> Fishing Tackle
<input checked="" type="checkbox"/> Other: <u>FENCE ON RIGHT BANK; SEE PHOTO 0393</u>				

Sources of Pollution: (e.g., trash dumping, tires, drainages, discharges, etc.)AGRICULTURE - AG. DRAINAGE; FOLD BURNING HAS EXTENDED INTO RIGHT BANK - SEE PHOTO 0390QL: *[Signature]*

06/17/2006

WBID # 3147 Site # 689Date: 06/17/2006

4

Data Sheet B - Site Characterization - 2 of 3

Stream Morphology:

Upstream View Physical Dimensions: 0.50, 0.68, 0.75m

	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
<input type="checkbox"/> Riffle					
<input type="checkbox"/> Run					
<input checked="" type="checkbox"/> Pool	<u>165m</u>	<u>12.3m</u>	<u>10m</u>	<u>0.64</u>	<u>0.75m</u>
<input type="checkbox"/> Flow Present?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Velocity (ft/sec):				

Downstream View Physical Dimensions: 0.48, 0.70, 0.95m

	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
<input type="checkbox"/> Riffle					
<input type="checkbox"/> Run					
<input type="checkbox"/> Pool	<u>150m</u>	<u>12.0m</u>	<u>8m</u>	<u>0.71</u>	<u>0.95</u>
<input type="checkbox"/> Flow Present?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Velocity (ft/sec):				

Substrate*: (These values should add up to 100%.)

% Cobble	% Gravel	% Sand	<u>90</u> % Silt	<u>10</u> % Mud/Clay	% Bedrock
----------	----------	--------	------------------	----------------------	-----------

Aquatic Vegetation*: (Note amount of vegetation or algal growth at the assessment site.)

EXTENSIVE SUBMERGED ALGAL GROWTH; 90% OF STREAM AFFECTED.

Water Characteristics*: (Mark all that apply.)

Odor:	<input type="checkbox"/> Sewage	<input type="checkbox"/> Musky	<input type="checkbox"/> Chemical	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Other:
Color:	<input type="checkbox"/> Clear	<input type="checkbox"/> Green	<input type="checkbox"/> Gray	<input type="checkbox"/> Milky	<input checked="" type="checkbox"/> Other: GREEN-GRAY VERY TURBID
Bottom Deposit:	<input type="checkbox"/> Sludge	<input type="checkbox"/> Solids	<input checked="" type="checkbox"/> Fine sediments	<input type="checkbox"/> None	<input checked="" type="checkbox"/> Other: ALGAE
Surface Deposit:	<input type="checkbox"/> Oil	<input type="checkbox"/> Scum	<input type="checkbox"/> Foam	<input type="checkbox"/> None	<input checked="" type="checkbox"/> Other: ALGAL

*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID # 3147 Site # 689

Date: 06/17/2006

5

Data Sheet B - Site Characterization – 3 of 3

Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).

SITE RELOCATED DUE TO INACCESSIBILITY OF ORIGINAL LOCATION. ORIGINAL
LOCATION NO LONGER A COUNTY ROAD CROSSING.

WBID # 3147 Site # 689Date: 06/17/2006

6

NONE

Field Data Sheets for Recreational Use Stream Surveys**Data Sheet C – Interviews**

(Make additional copies as necessary for multiple interviews)

1. Do you live in the area?
- ☐
- Yes
- ☐
- No

If so, how long have you lived here? _____

2. Have you personally used this water body for recreation since 1975?
- ☐
- Yes
- ☐
- No
-
- If so, please check ALL that apply:

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input type="checkbox"/> None of the above	<input type="checkbox"/> Other:

How often do you use it for recreation?

G More than 5 times per year

G 1 – 5 times per year

G Less than 1 time per year – please describe: _____

3. Have you observed others using this water body for recreation since 1975?
- ☐
- Yes
- ☐
- No
-
- If so, please check ALL that apply:

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input type="checkbox"/> None of the above	<input type="checkbox"/> Other:

How often have you observed it being used for recreation?

G More than 5 times per year

G 1 – 5 times per year

G Less than 1 time per year – please describe: _____

4. Additional Comments: _____
-
- _____
-
- _____
-
- _____
-
- _____

Contact Information (if willing to provide):

Name:

Address:

Telephone #:

WBID # 3147 Site # 610

3

Date: 06 / 14 / 2006**Field Data Sheets for Recreational Use Stream Surveys****Data Sheet B - Site Characterization - 1 of 3**

(A separate Data Sheet B must be completed for each site)

Latitude (ddd.dddd): <u>37.03950</u>	Arrival Time: <u>1610</u>
Longitude (ddd.dddd): <u>089.52420</u> <u>ALL: 32.6 ft</u>	
Photo Ids: Upstream: <u>0260</u> Downstream: <u>0261</u>	Other: <u>0262 - TRASH</u> <u>0263 - CONSERVATION</u> <u>0264 - AGRICULTURE</u> <u>0265 - WETLAND STGN</u> <u>PHOTO 0265 - WETLAND CONS. PROGRAM EASEMENT BOUNDARY</u>

Narrative Description of Location: (Describe access point to stream, nearby roads, landmarks, etc.)CROSSING AT CR 506: APPROX. 1/4 MILE EAST OF R.T. 4**Surrounding Conditions*:** (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.)

<input type="checkbox"/> City/county parks	<input type="checkbox"/> Playgrounds	<input checked="" type="checkbox"/> MDC conservation lands	<input type="checkbox"/> Urban areas	<input type="checkbox"/> Campgrounds
<input type="checkbox"/> Boating accesses	<input type="checkbox"/> State parks	<input type="checkbox"/> National forests	<input type="checkbox"/> Nature trails	<input type="checkbox"/> Stairs/walkway
<input type="checkbox"/> No trespass sign	<input checked="" type="checkbox"/> Fence	<input type="checkbox"/> Steep slopes	<input type="checkbox"/> Other:	

* SEE PHOTO 0265

Human Uses Observed*:

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input checked="" type="checkbox"/> None of the above	<input type="checkbox"/> Other:

Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)

Evidence of Human Use*:

<input checked="" type="checkbox"/> Roads	<input type="checkbox"/> Foot paths/prints	<input type="checkbox"/> Dock/platform	<input type="checkbox"/> Livestock Watering	<input type="checkbox"/> RV / ATV Tracks
<input type="checkbox"/> Rope swings	<input type="checkbox"/> Camping Sites	<input type="checkbox"/> Fire pit/ring	<input type="checkbox"/> NPDES Discharge	<input type="checkbox"/> Fishing Tackle
<input type="checkbox"/> Other:				

Sources of Pollution: (e.g., trash dumping, tires, drainages, discharges, etc.)TRASH DUMPING - SEE PHOTO; AGRICULTURE, SEE PHOTO (0265)
(0262)QL = John
06/14/2006

WBID # 3147 Site # 690

4

Date: 06/14/2006

Data Sheet B - Site Characterization - 2 of 3

Stream Morphology:

Upstream View Physical Dimensions: * - ESTIMATED DUE TO TURTLE

	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
<input type="checkbox"/> Riffle					
<input type="checkbox"/> Run					
<input checked="" type="checkbox"/> Pool	* 15m	14m	* 15	* $\approx 1.0m$	* $> 1.5m$
<input checked="" type="checkbox"/> Flow	Present?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Velocity (ft/sec):		

Downstream View Physical Dimensions: * - ESTIMATED DUE TO DEPTH

	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
<input type="checkbox"/> Riffle					
<input type="checkbox"/> Run					
<input checked="" type="checkbox"/> Pool	* 15m	13m	* 15	* $\approx 1.0m$	$> 1.5m$
<input checked="" type="checkbox"/> Flow	Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Velocity (ft/sec): 1m = 16s		

Substrate*: (These values should add up to 100%.)

% Cobble	5	% Gravel	95	% Sand		% Silt		% Mud/Clay		% Bedrock	
----------	---	----------	----	--------	--	--------	--	------------	--	-----------	--

Aquatic Vegetation*: (Note amount of vegetation or algal growth at the assessment site.)

AQUATIC VEGETATION PRESENT ALONG EDGES ALONG EDGES OF STREAM, SEE PHOTO 0266
ALGAE PRESENT IN SLOW AREAS, 10% OF STREAM AFFECTED.

Water Characteristics*: (Mark all that apply.)

Odor:	<input type="checkbox"/> Sewage	<input type="checkbox"/> Musky	<input type="checkbox"/> Chemical	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Other:
Color:	<input checked="" type="checkbox"/> Clear	<input type="checkbox"/> Green	<input type="checkbox"/> Gray	<input type="checkbox"/> Milky	<input checked="" type="checkbox"/> Other: VERY SLIGHTLY TURBID
Bottom Deposit:	<input type="checkbox"/> Sludge	<input type="checkbox"/> Solids	<input checked="" type="checkbox"/> Fine sediments	<input type="checkbox"/> None	<input type="checkbox"/> Other:
Surface Deposit:	<input type="checkbox"/> Oil	<input checked="" type="checkbox"/> Scum	<input type="checkbox"/> Foam	<input type="checkbox"/> None	<input type="checkbox"/> Other:

*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID # 3147 Site # 690

5

Date: 06/14/2006

Data Sheet B - Site Characterization – 3 of 3

Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).

None

WBID # 3147 Site # 690

6

Date: 06 / 14 / 2006

None

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C – Interviews

(Make additional copies as necessary for multiple interviews)

1. Do you live in the area? ☐ Yes ☐ No

If so, how long have you lived here? _____

2. Have you personally used this water body for recreation since 1975? ☐ Yes ☐ No

If so, please check ALL that apply:

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input type="checkbox"/> None of the above	<input type="checkbox"/> Other:

How often do you use it for recreation?

G More than 5 times per year

G 1 – 5 times per year

G Less than 1 time per year – please describe: _____

3. Have you observed others using this water body for recreation since 1975? ☐ Yes ☐ No

If so, please check ALL that apply:

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input type="checkbox"/> None of the above	<input type="checkbox"/> Other:

How often have you observed it being used for recreation?

G More than 5 times per year

G 1 – 5 times per year

G Less than 1 time per year – please describe: _____

4. Additional Comments: _____

Contact Information (if willing to provide):

Name:

Address:

Telephone #:

WBID # 3147 Site # 691Date: 06/14/06

3

Field Data Sheets for Recreational Use Stream Surveys**Data Sheet B - Site Characterization - 1 of 3**

(A separate Data Sheet B must be completed for each site)

Latitude (ddd.dddd): <u>37.05406</u>		Arrival Time:
Longitude (ddd.dddd): <u>089.52439</u>		<u>1730</u>
Photo Ids: Upstream: <u>0267</u>		Downstream: <u>0268</u>
		Other: <u>Building - 0269</u> <u>Trash - 0272</u> <u>Burn field - 0270</u> <u>Parking spot - 0274</u> <u>Tire - 0271</u> <u>Side Channel on West side of stream</u> <u>along CR 504 - 0275</u> <u>Fence (100m down) - 02</u>

Narrative Description of Location: (Describe access point to stream, nearby roads, landmarks, etc.)
AT C.R. 501 CROSSING, 1/4 MILE EAST OF AT, IL

Surrounding Conditions*: (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.)

<input type="checkbox"/> City/county parks	<input type="checkbox"/> Playgrounds	<input type="checkbox"/> MDC conservation lands	<input type="checkbox"/> Urban areas	<input type="checkbox"/> Campgrounds
<input type="checkbox"/> Boating accesses	<input type="checkbox"/> State parks	<input type="checkbox"/> National forests	<input type="checkbox"/> Nature trails	<input type="checkbox"/> Stairs/walkway
<input type="checkbox"/> No trespass sign	<input type="checkbox"/> Fence	<input type="checkbox"/> Steep slopes	<input checked="" type="checkbox"/> Other: <u>AGRICULTURE - SEE PHOTOS 0267, 0268</u>	

Human Uses Observed*:

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input checked="" type="checkbox"/> None of the above	<input type="checkbox"/> Other:

Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)

Evidence of Human Use*:

<input checked="" type="checkbox"/> Roads	<input type="checkbox"/> Foot paths/prints	<input type="checkbox"/> Dock/platform	<input type="checkbox"/> Livestock Watering	<input type="checkbox"/> RV / ATV Tracks
<input type="checkbox"/> Rope swings	<input type="checkbox"/> Camping Sites	<input type="checkbox"/> Fire pit/ring	<input type="checkbox"/> NPDES Discharge	<input type="checkbox"/> Fishing Tackle
<input type="checkbox"/> Other:				

Sources of Pollution: (e.g., trash dumping, tires, drainages, discharges, etc.)

TIRES AND TRASH IN STREAM SEE PHOTOS 0272 & 0271

QC: *[Signature]*

06/14/06

WBID # 3147 Site # 691Date: 06/14/2006

4

Data Sheet B - Site Characterization - 2 of 3

Stream Morphology:

Upstream View Physical Dimensions: * ESTIMATED DUE TO DEPTH

	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
<input type="checkbox"/> Riffle					
<input type="checkbox"/> Run					
<input checked="" type="checkbox"/> Pool	* $\approx 15m$	* $\approx 8.5m$	* $\approx 15m$	* $\approx 1.5m$	$> 1.5m$
<input checked="" type="checkbox"/> Flow	Present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Velocity (ft/sec):			

Downstream View Physical Dimensions:

	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
<input type="checkbox"/> Riffle					
<input type="checkbox"/> Run					
<input checked="" type="checkbox"/> Pool	8m	15m	8m*	0.56	0.75m
<input type="checkbox"/> Flow	Present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Velocity (ft/sec):			

0.37, 0.75m, 0.56m

* DEEPEST PORTION IN VIEW

Substrate*: (These values should add up to 100%.)

5 % Cobble	% Gravel	70 % Sand	25 % Silt	% Mud/Clay	% Bedrock
------------	----------	-----------	-----------	------------	-----------

Aquatic Vegetation*: (Note amount of vegetation or algal growth at the assessment site.)

SURFACE ALGAE PREVALENT ON EDGES OF STREAM (8% OF STREAM)
 AQUATIC PLANTS PRESENT (3% OF STREAM)

Water Characteristics*: (Mark all that apply.)

Odor:	<input type="checkbox"/> Sewage	<input type="checkbox"/> Musky	<input type="checkbox"/> Chemical	<input type="checkbox"/> None	<input checked="" type="checkbox"/> Other: MUSTY
Color:	<input type="checkbox"/> Clear	<input checked="" type="checkbox"/> Green	<input type="checkbox"/> Gray	<input type="checkbox"/> Milky	<input type="checkbox"/> Other:
Bottom Deposit:	<input type="checkbox"/> Sludge	<input type="checkbox"/> Solids	<input checked="" type="checkbox"/> Fine sediments	<input type="checkbox"/> None	<input type="checkbox"/> Other:
Surface Deposit:	<input type="checkbox"/> Oil	<input checked="" type="checkbox"/> Scum	<input type="checkbox"/> Foam	<input type="checkbox"/> None	<input checked="" type="checkbox"/> Other: ALGAE

*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID # 3147 Site # 691
Date: 06/14/2006

5

Data Sheet B - Site Characterization – 3 of 3

Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).

none

WBID # 3147 Site # 691

Date: 06/14/2006

6

None
Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C – Interviews

(Make additional copies as necessary for multiple interviews)

1. Do you live in the area? ☐ Yes ☐ No

If so, how long have you lived here? _____

2. Have you personally used this water body for recreation since 1975? ☐ Yes ☐ No

If so, please check ALL that apply:

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input type="checkbox"/> None of the above	<input type="checkbox"/> Other:

How often do you use it for recreation?

G More than 5 times per year

G 1 – 5 times per year

G Less than 1 time per year – please describe: _____

3. Have you observed others using this water body for recreation since 1975? ☐ Yes ☐ No

If so, please check ALL that apply:

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input type="checkbox"/> None of the above	<input type="checkbox"/> Other:

How often have you observed it being used for recreation?

G More than 5 times per year

G 1 – 5 times per year

G Less than 1 time per year – please describe: _____

4. Additional Comments: _____

Contact Information (if willing to provide):

Name:

Address:

Telephone #:

WBID# 3147



Site# 686 Photo ID# 0368, Upstream



Site# 686 Photo ID# 0369, Downstream



Site# 686 Photo ID# 0370, Fishing bobber



Site# 686 Photo ID# 0371, Algae

WBID# 3147



Site# 687 Photo ID# 0372, Upstream



Site# 687 Photo ID# 0373, Downstream



Site# 687 Photo ID# 0374, Trash



Site# 687 Photo ID# 0375, Ag drain

WBID# 3147



Site# 687 Photo ID# 0376, Access road



Site# 687 Photo ID# 0377, Algae



Site# 688 Photo ID# 0378, Upstream



Site# 688 Photo ID# 0379, Downstream

WBID# 3147



Site# 688 Photo ID# 0380, Access road



Site# 689 Photo ID# 0387, Upstream



Site# 689 Photo ID# 0388, Downstream



Site# 689 Photo ID# 0390,

WBID# 3147



Site# 689 Photo ID# 0389,



Site# 689 Photo ID# 0391, Drain pipe



Site# 689 Photo ID# 0392, Pond



Site# 689 Photo ID# 0393, Fence

WBID# 3147



Site# 690 Photo ID# 0260, Upstream



Site# 690 Photo ID# 0261, Downstream



Site# 690 Photo ID# 0262, Trash



Site# 690 Photo ID# 0263, Conservation wetland sign

WBID# 3147



Site# 690 Photo ID# 0266, Aquatic veg



Site# 690 Photo ID# 0265, Agriculture



Site# 691 Photo ID# 0267, Upstream



Site# 691 Photo ID# 0268, Downstream

WBID# 3147



Site# 691 Photo ID# 0269, Building



Site# 691 Photo ID# 0272, Trash



Site# 691 Photo ID# 0270, Burn field



Site# 691 Photo ID# 0271, Tire

WBID# 3147



Site# 691 Photo ID# 0274, Parking spot



Site# 691 Photo ID# 0275, Side channel